

AMENDMENTS

Please amend the claims as follows:

1-4. (cancelled)

5. (currently amended) A multi-dimensional array of N x M elements where both N and M are greater than 1, the array comprising:

transducer material arranged as the array of elements;

at least two electrically conductive acoustic impedance matching layers on the transducer material.

6. (original) The array of Claim 5 further comprising:

kerfs defining the elements, the kerfs through both the transducer material and the at least two electrically conductive matching layers.

7. (original) The array of Claim 5 wherein the at least two electrically conductive matching layers comprises three electrically conductive matching layers.

8. (original) The array of Claim 5 wherein all matching layers on the array are electrically conductive.

9. (cancelled)

10. (previously presented) The array of Claim 5 further comprising a ground foil, signal trace or flex circuit on one of the at least two electrically conductive matching layers.

11. (previously presented) The array of Claim 6 further comprising signal traces connected with one of the at least two electrically conductive matching layers.